

Fig. 1  
(PRIOR ART)

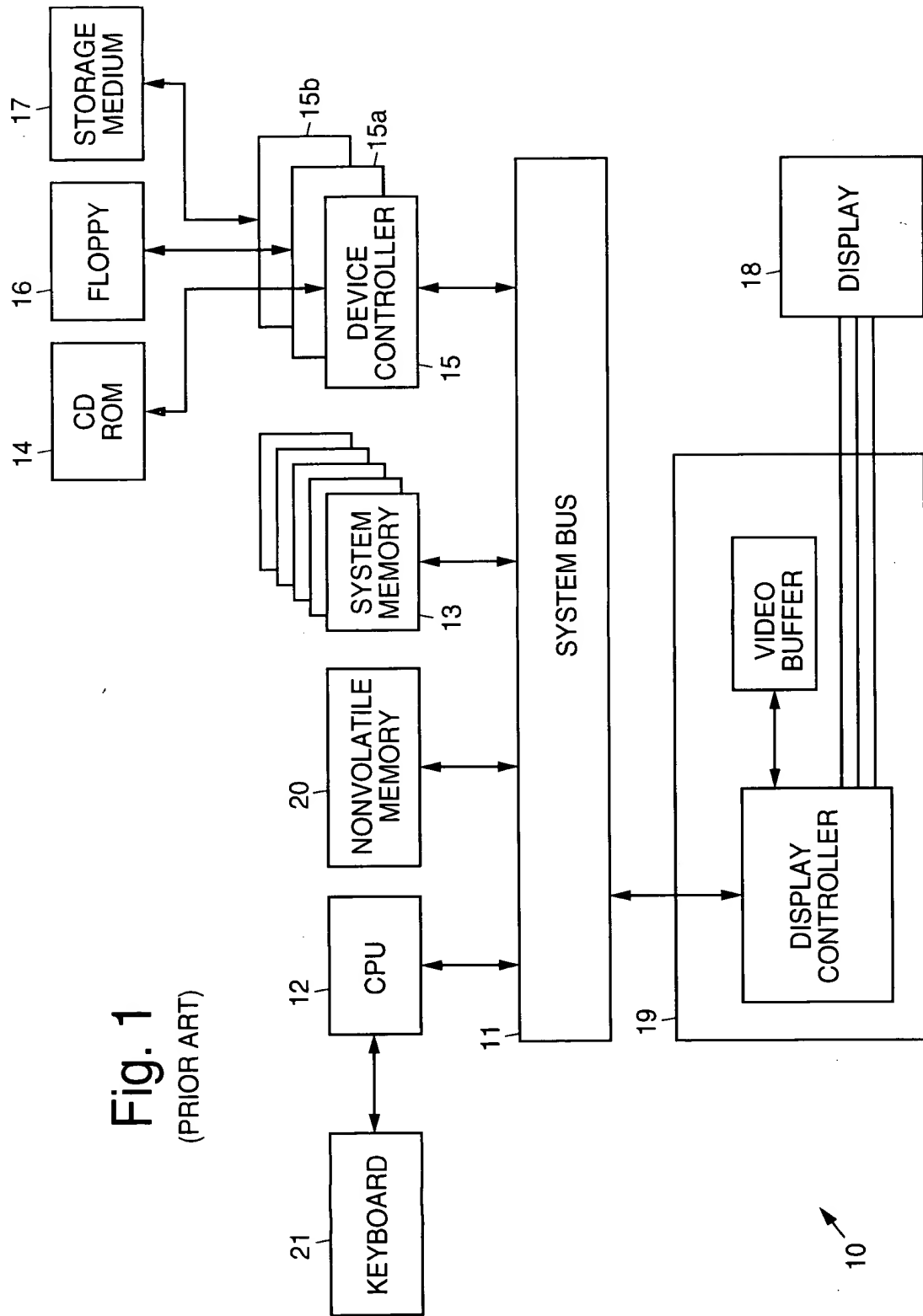


Fig. 2

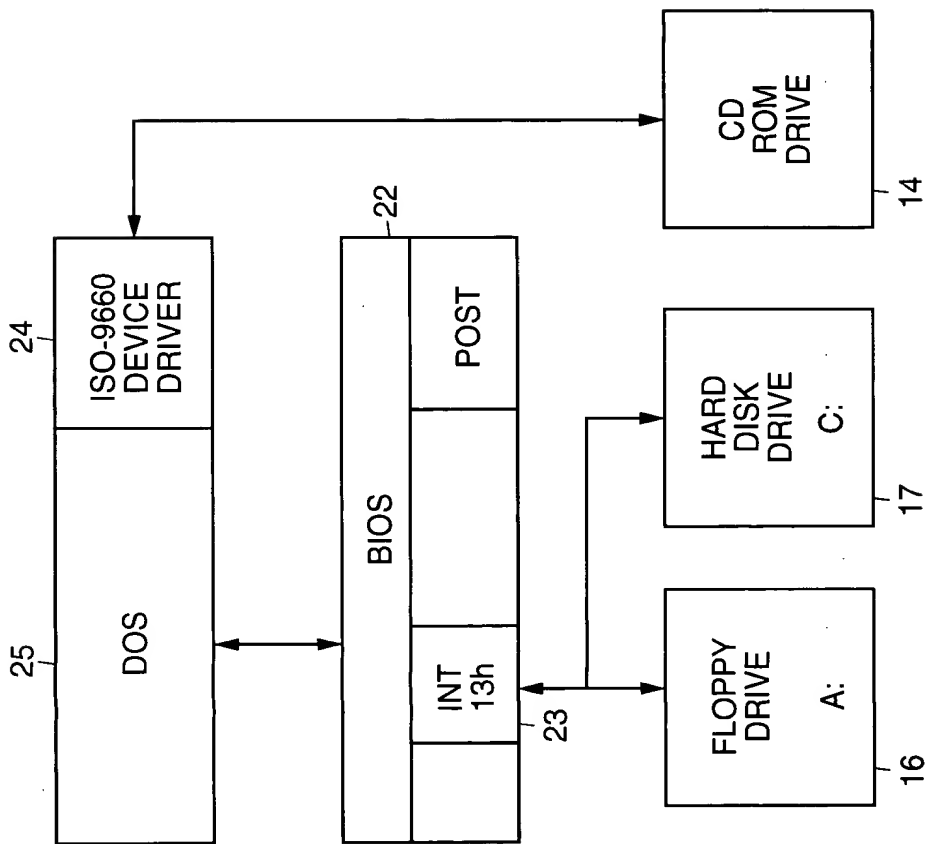


Fig. 3

## DOS-FORMATTED HARD DISK DRIVE STRUCTURE

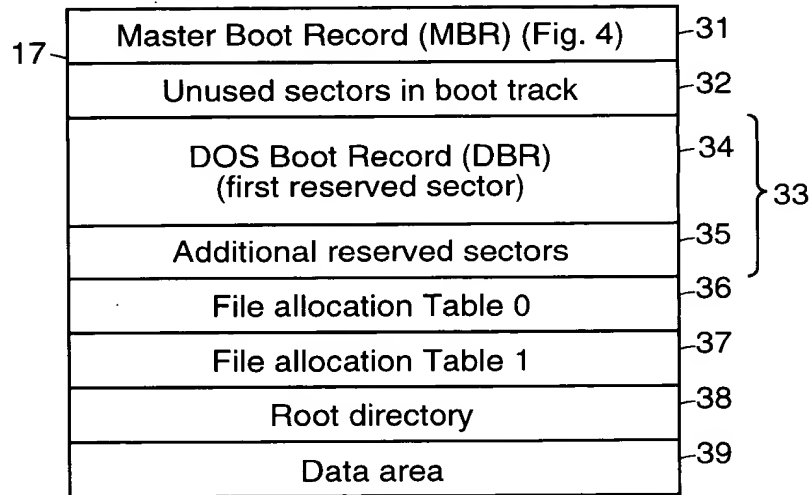


Fig. 4

## STANDARD HARD DRIVE MASTER BOOT RECORD

BYTE OFFSET	FIELD LENGTH	VALUE	MEANING
000h	446 bytes		Code portion of the master boot record
1Beh	64 bytes		Partition table (Fig. 5)
1Feh	2 bytes	55h AAh	Validation signature

Fig. 5

## PARTITION TABLE

BYTE OFFSET	FIELD SIZE	MEANING
000h	Byte	Boot indicator flag. 80h if partition is bootable, otherwise 00h
01h	Byte	Starting head of the partition
02h	Word	Starting cylinder and sector of partition
04h	Byte	System type
05h	Byte	Ending head of partition
06h	Word	Ending cylinder and sector of partition
07h	DWord	Prior Sectors
0Ch	DWord	Total sector in partition

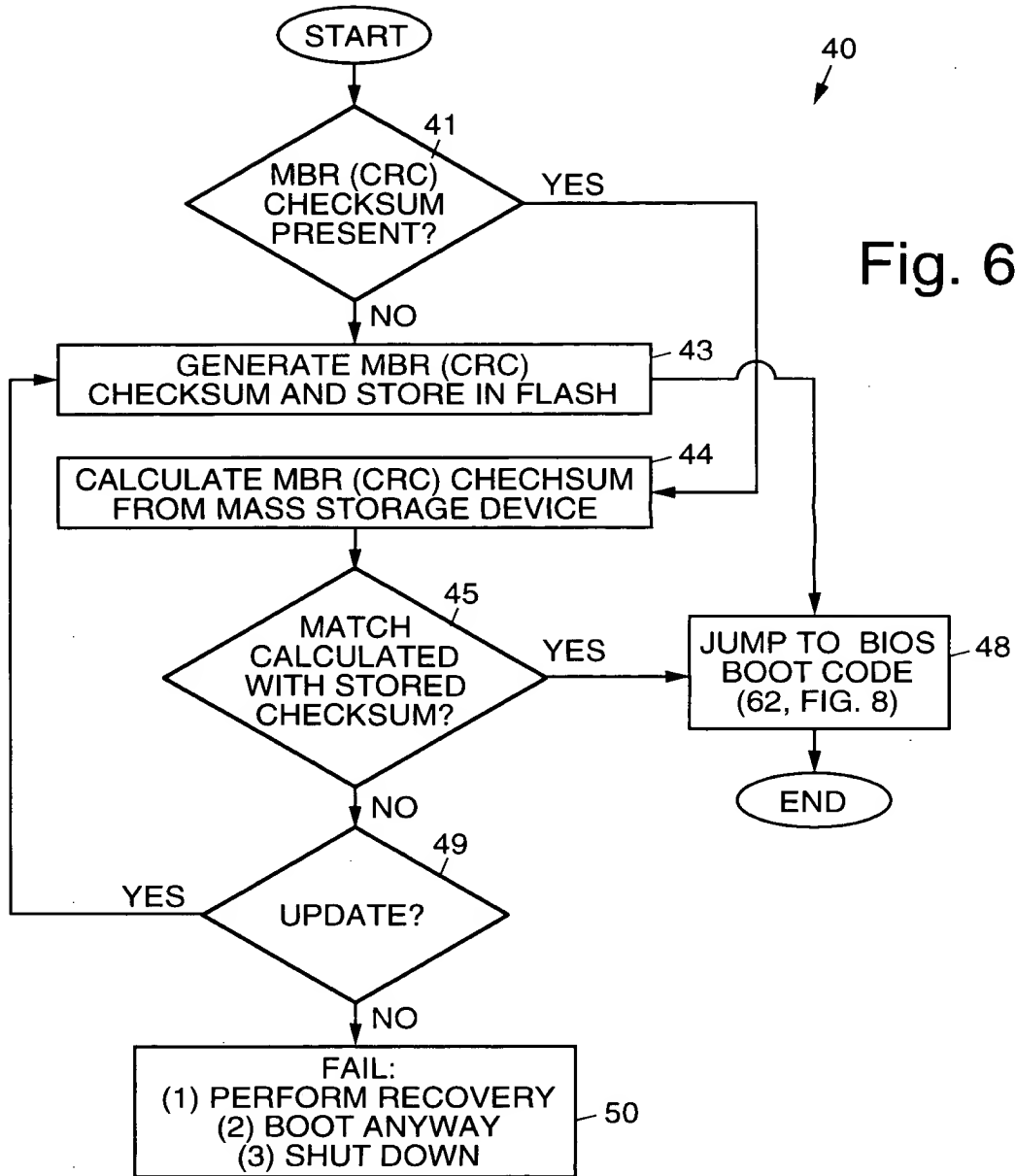


Fig. 8

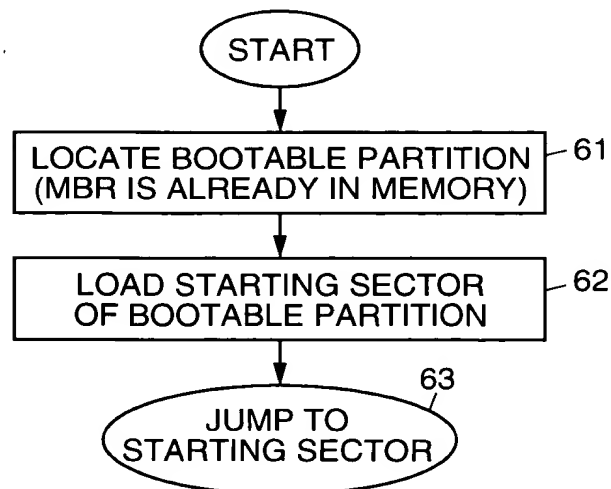


Fig. 7

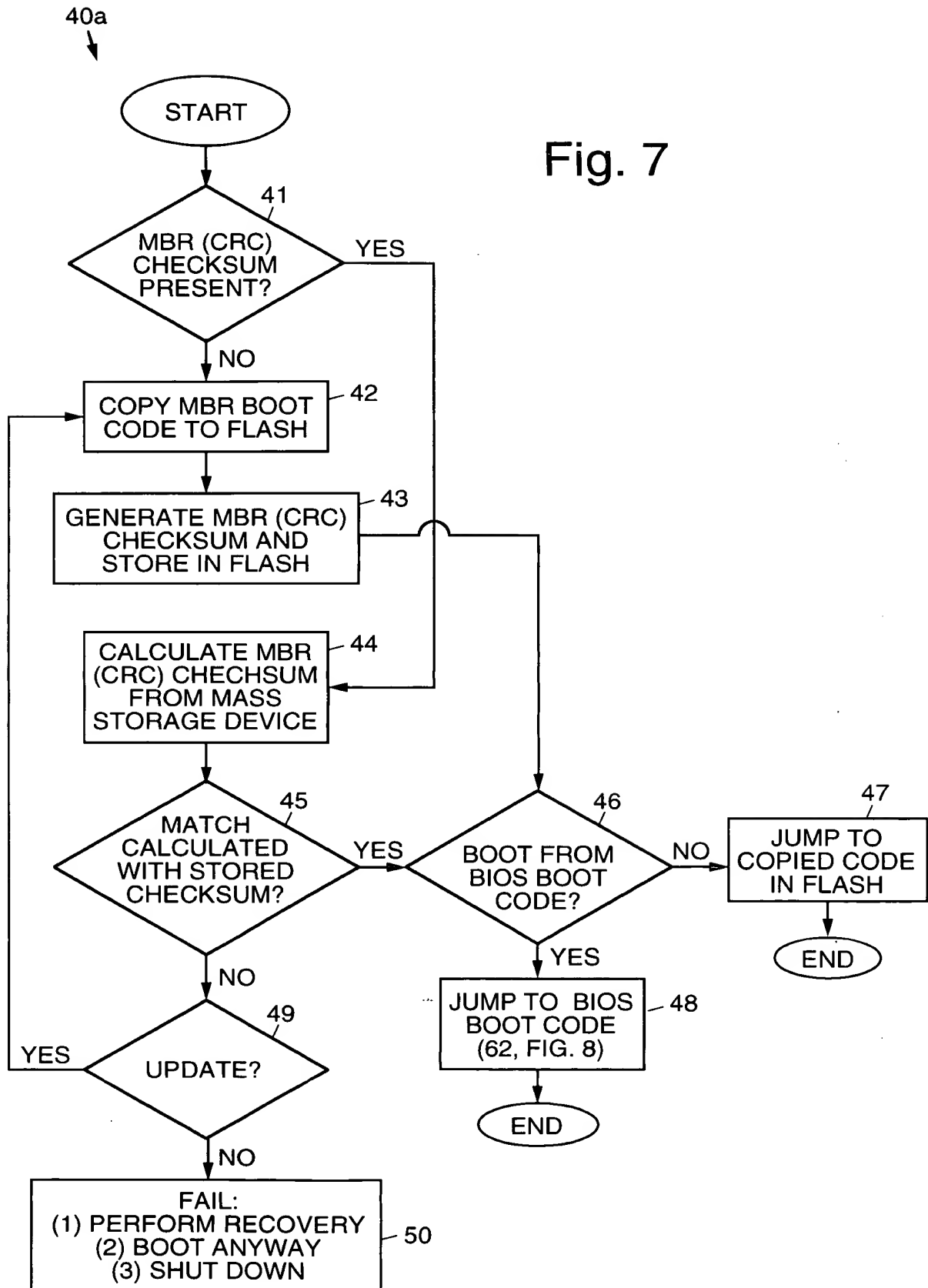


Fig. 9

